

Pitching Styles Have Undergone Few Changes in 40 Years---Principles of Old Timers Still Used in Modern School

FEW CHANGES IN PITCHING STYLES

Modern Twirling and Modification of That of the Past Under New Names.

MANY FAMOUS FEATS

Baseball History Has Been Made by Players Using Freak Deliveries.

By CHARLES F. MATHISON.

A staff of good pitchers is the greatest asset a ball club can possess. "Give me the pitcher and I'll finish up with the rest of them," is what a manager has told his club owners for many years. Many mediocre teams have won championships solely through pitchers. The greatest pitcher in the history of the game, Walter Johnson, was the sole reason for the Washington Senators winning the pennant in 1924.

The National League champions of recent years practically have been pitched into their titles. Ruth, Gehrig, and Ty Cobb pitched a mediocre Braves team to the world's championship in 1914, and the following year Alexander pitched the Phillies into their first National League championship. Great work by the Boston pitchers in 1918 was the sole reason for Brooklyn winning the pennant that year.

Looking over the present day pitchers, one wonders whether they are much different from the twirlers of the past. Unquestionably the modern pitchers know more, but their styles are much the same as those of the old-time heroes of a generation ago. In some cases the present pitchers may have perfected some of these old styles, but even that is open to argument.

Review the pitching stars of the last twenty-five years—since the old rule compelling them to pitch the ball rather than throwing it was adopted—and you will find that the styles have changed very little.

Spitball Only Discovery.
For instance, fastballs, one of the best pitchers that ever lived, was an overhand pitcher, a style that all managers insist upon to this day and one that youngsters try to deliver. Nobody has improved it in the century.

The one and only real valuable discovery in pitching during this quarter of a century was the spitball. It is entirely different to previous known methods of making a ball curve out of its direct course so as to fool a batter. The spitball, technically, is not a curve. As most everybody knows it is thrown by letting the finger tip slip from the leather instead of slipping it. The ball, without spinning at all, wobbles up to the plate and the sudden drop to the side or the other.

To the spitball might be added the knuckle ball, the emery ball, the resin ball and the "shine ball," all of them variations of the spitball and pitched under the same principle. The perfect style of pitching, according to managers, is the overhand, but, strangely enough, some of the greatest stars have not been overhand pitchers. A striking example is Grover Cleveland Alexander. He is an exponent of the sidearm delivery and is considered the best pitcher in the country today.

Matt and Walter Johnson are the greatest exponents of the overhand delivery.

There is still another group known as the underhand pitchers, and of these the star was Joe McGinnity.

Chabro's Leader.
With the coming of the spitball another distinct class was established, the premier being Jack Chabro, who still holds the record for the greatest number of wins in one year. Chabro was the real pioneer of the spitball, and his wonderful success is probably due to the fact that the peculiar break on the ball was then strange and new.

Probably the best way to study these pitchers and observe the relative effectiveness of the different styles is to arrange them in groups like this:

OVERHAND GROUP. SIDEARM GROUP.
Mathewson, Ruth, Johnson, Cobb, Evers, Miller, Brown, Chabro, Raymond, We, Hendrix, Trosky.

UNDERHAND GROUP. UNUSUAL GROUP.
McGinnity, Chabro, Raymond, We, Hendrix, Trosky.

From this it will be noticed that the underhand is in a very small minority. To few of them have been successful. That it is difficult to remember more than three. Of these three only one remains—Matt of the Red Sox. During the past season he has been very effective, but the players say this is due to the fact that there are no others in the league and there is not enough opportunity to hit against this style of pitching to get familiar with it.

Terror to Batters.
McGinnity was a terror with his underhand ball, known to the players as "Old Sal." In a pinch it was deadly effective and kept Joe in the running long after his strength had begun to ebb.

Very few managers will even consider an underhand pitcher when one is recommended by the scouts. They do not last long and cannot possibly have that variety to their work needed for a long campaign.

The finished style is the overhand, a proof of which is that there are more great overhand pitchers than any other kind. The overhand has a distinct advantage in that he is able to deliver the ball with terrific speed and go through with his arm the same as a golfer does with his wooden club. The overhand also has the advantage of being able to make his curve ball break

LEADING EXPONENTS, MODERN AND OLD TIMERS, OF VARIOUS STYLES OF BIG LEAGUE PITCHING



straight downward, what we called the "downshoot" in the old days. Incidentally the modern ball player only knows two balls—the fast ball and the curve. They do not differentiate between the ball that curves outward and the one that breaks downward. The simple reason that the downshoot is merely an extension of the outshoot. In other words anything that is not a fast ball nowadays is a curve. That spitball, of course, is different. That calls for a separate signal.

Won't Admit Improvement.
It is very difficult to draw from an old timer the admission that there is improvement in baseball at all, but a few of them, like Dasher Troy, George Gore, Tommy York and Joe Hornung, say that the frequent use of the "shine ball" has been of advantage. The "shine" was seldom used in the old days, and in that the modern pitchers have shown improvement.

In many ways the slow ball is the most effective of all in a pinch. It takes nerve to use it, and fear of it being hit out of the lot has kept several good pitchers from attempting it. Among these is Marquard. If he had not been afraid to use his slow ball a few years ago the Rubes would have had one of the greatest pitchers in the world. But he would never have the heart to take a chance. On the other hand, Nap Rucker, who is entirely without fear, has been able to use his slow ball with great effect. In the last game of the 1916 World's Series at Brooklyn he struck out three of the six Boston batters, and he did it with a slow ball.

Speed has been and always will be the main asset of a pitcher. Why it is doesn't need a great assortment of curves nor a spitball. He can even get along without a slow one.

Speed With a Hop.
A fast ball does not necessarily mean a spit ball. That is one thing that the average fan does not seem to grasp. Unless the ball is thrown with terrific speed, has a hop on it, there is no effective near. "Hop" is meant a kind of upward jump that will come to any round object driven with great speed. The golf ball takes a sudden rise due to the same principle as the fast ball. Jeff Trosky, for instance, when he first came in the league had wonderful speed, but his fast ball was as straight as a string and the batters would kill it. He finally had to develop a spitter to make good in fast company.

But that fast one with the hop on it is the thing. Foster of the Red Sox pitched a no-hit game against the Yankees in 1916 and didn't throw anything else but a hop all afternoon. It was Matt's mainstay in the early days. It is Walter Johnson's mainstay to-day. The side arm pitchers have great speed, some of them as well as a peculiar breaking curve. The ball coming from a side arm seems to be getting on top of the batter all the time and he has to put away. Then if the batter is a "reacher" this ball comes from the other side and pulls away all the time, making it almost impossible to hit it. The main objection to the side arm delivery is that it breaks down the arm quickly, or rather more quickly than the overhand.

Modern Pitching to Great Extent Modifications of Past Deliveries
Coming down to modern times one finds some famous deliveries, but they are modifications of deliveries of the past under other names. Take Mathewson's "fadeaway," perhaps the most remarkable delivery in baseball. Despite reports to the contrary there was nothing mysterious about the fadeaway; it was a fast ball with a downward curve, unobtainable by Matt's remarkable control, his change of pace and his close study of rival batters. The fadeaway also befuddled superstitious batters (and there are no more) by its supposed mystery. Cicotte's shine ball worked the same way last season. Caldwell in his prime in 1914 used a delivery greatly similar to Mathewson's, a fast ball with a deceptive hop.

The principle of the cross fire ball, used so successfully by Eddie Plank and Hooks Wiltie, is as old as left handed pitching, though these pitchers saw the possibilities of it more than a century ago. The idea was to place the right foot on the extreme right corner of the rubber and then extended toward first base as far as possible and deliver the ball from a sharp angle.

An unbreakable curve completed the delivery, and both of the pitchers mentioned achieved great success with it. Rube Waddell at one time Plank's teammate on the Athletics and perhaps

the batters called him Grasshopper Jim because of his tactics, but he was generally feared and was effective for many years.

The antithesis of Whitney was only Jimmy Galloway, who started with the Buffalo club in 1879. Galloway never made a jump in his life. He stood fast, smiling and cool and tossed spitters to the batters, letting the spit ball slide out of his hand with one side of the ball roughened.

White a Spectacular Pitcher.
Lee Meadows of the St. Louis Cardinals has occasioned much amusement by wearing spectacles on the mound. Away back in 1875 Will White, brother of Deacon White, wore glasses on the mound when he was with Cincinnati. It is not on record that Will was ever hurt. White was not much of a pitcher, depending on change of pace.

Amos Rusie was perhaps the greatest pitcher discovered in the early nineties. His signing with the Giants in 1890 saved the National League team in this city during the Brotherhood war. Rusie was a giant, very powerful and with an iron arm. He used a wide curve for the most part and sent in the ball with greater speed than any other pitcher of that time.

Under the coaching of Buck Ewing, the greatest catcher New York ever had, Rusie developed into a world class pitcher. He neglected his physical welfare, with the result that he cut short what should have been a most brilliant baseball career.

Knuckle Ball Not New.
The knuckle ball had been tried by some old timers, but only in practice for the purpose of seeing what queer tricks they might make the ball do. Eddie Summers, formerly of Detroit, was about the first pitcher to use it successfully. The idea was to hold the ball with the knuckles of the lower fingers, holding it with the index finger and thumb, and let it slip out of the hand like a spit ball. The delivery was painful on the knuckles and required very strong fingers. It is a dangerous ball to pitch and a catcher can hold it only after long practice. Cicotte also used a knuckle ball quite a bit with it and has used it successfully.

Russell Ford, formerly of the Yankees, was the inventor of the emery ball. He and Sweeney kept the secret for a long time. Sweeney later confided it to Ray Keating and gradually other pitchers began to try it. To a baseball player the principle of the emery ball may seem sound logical. The general impression of the fan was that Ford and other emery ball pitchers roughened the cover of the ball in order to grip it more firmly. Many other pitchers who knew or suspected Ford roughened the ball

thought the same way, and almost tore their arms out experimenting with it. The principle of the emery ball was to roughen one side of the ball and pitch it with the fingers holding on the smooth surface. The air currents would take up the rough surface and give the emery ball its famous sail. Ford would combine the spitter with the emery ball at times, letting the spit ball slide out of his hand with one side of the ball roughened.

Resin and Shine Ball.
The resin ball and the so-called "shine ball," both made famous by Cicotte, were outgrowths of the emery ball. Despite denials Cicotte stopped by the umpires, continually used powdered resin on the ball. One side would be resined and the other side smooth to give the ball the strange sail when the air currents got it.

The "shine ball" consisted of rubbing talcum powder into one side of the ball, thereby polishing it or shining it. The emery ball was supposed to give the ball its sail. Cicotte later admitted this ball was more or less of a psychological delivery. The players who hit against him believed he was doing something mysterious to the ball, and it did not hurt their confidence when they faced him.

The bean ball, made famous recently by Carl Mays and Dutch Leonard of the Red Sox, is older than baseball. It is known by ball players as "dusting 'em off." It is a wildly delivered ball coming dangerously near the batter's head, but not touching him, and is intended to shake his confidence—a very nasty trick, giving a display of poor sportsmanship.

BASEBALL AT C. C. N. Y.
Big Squad Out for Team Under Joe Deering's Coaching.
With a large squad out for the baseball team of the College of the City of New York, a winning nine is expected. Five pitchers and a proportionate number of other players are on the list, which is as follows: Pitchers, Thomas, 18; Mathews, Rothstein, Polign, 21; Boyd, High, and Murray, 21; catchers, Maria, 19, and Nadel, 20; first base, Projanovsky, 19; Krinsky, 21; and Shannon, 19; second base, Roberts, 19; Bolevsky and Rosenber, 19; short stop, Frech, 20; Beck, 19, and Leher, 19; third base, Koppel, 21; Beck, 19, and Baldwin, 19; outfield, Lowenthal, 18; Mannheim, 19; Dayhoff, 19; Polak, 19; Lohovsky, 19; Solomon, 21 and Wolf, 21.

Joe Deering will coach the team. A freshman team has been organized which is trying to arrange games with high school and private school nine. Nat Holman will coach the yearlings.

Some of the teams of the C. C. N. Y. will play there Columbia, New York University, Fordham, St. John's, Manhattan, Cathedral, St. Francis, Hamilton, Tufts, Albany Teachers' College, Union and the Mass. Argos.

The mid-year graduation at City College will take several athletes. Thomas H. Lovely, president of the Athletic Association, Harold Lifton, manager of the basketball team, John Schapiro, manager of the swimming team, George Rudnick, vice-president of the Athletic Association, Harry Schwartz, guard on the varsity basketball team, Harry Halberg, varsity cheer leader, William McGrath and Cy Coyne, soccer players, are among those who no longer will represent the Lavender in athletics.

ARRANGE SKI TOURNEY.
National Meet to Be Staged on January 27.
CHICAGO, Jan. 12.—Officials of the Norge Ski Club at a meeting held last night voted to affirm the decision of the officials in charge of the national championship tournament to make the meet a one day affair. The event, which will be held at Cary, Ill., Jan. 27, was originally scheduled for both Saturday and Sunday, but inability to obtain special trains on Saturday resulted in the decision to hold all the events on the following afternoon.

Three special trains have been arranged for.

TRIS SPEAKER ONCE TELEPHONE LINEMAN

Discharge on Account of Lack of Work Paved Way for Success as Player.

HARD MAN TO STRIKE OUT

No major or minor league club was asked for waivers on Tris Speaker, the greatest outfielder in the history of the game, but a telephone company did, and it got them. The Texas League, which got him from a job that was paying him \$12 a day, was Spooked and getting now no body but himself and American League and Cleveland club officials know, but the last two years he served in Boston he was drawing \$15,000 a year.

In the winter of 1907, however, Tris was working at Hillsboro, Hill county, Texas, for a telephone company as a lineman at \$2 a day. He held down this job from October 12, 1907, until February 16, 1907. The man who was No. 1 in the American League batting lists of 1916 was No. 21 on the roster of the Hillsboro Telephone Company and his services were dispensed with on February 16, 1907, not because his work was not satisfactory, but because he was a slacker and some persons had to be lopped off the payroll. Tris being among the new employees was released outright.

Down in Hillsboro they still speak to visitors some specimens of Tris' twirling and floor repair work, and it is said to be like his playing—a big guy. Down there too they think the Speaker's release by the telephone company helped to make a great ball player of him, for it was in the succeeding summer that he performed so brilliantly for the Houston and George Hurt, owners of the Red Sox, bought him and another outfielder named Whitman, a Yankee in 1913.

Tris Got \$50 a Month.
Speaker was probably getting more from the telephone company than he drew when playing ball with the Houston. The Texas League in 1907 was paying him \$50 a month, but the Houston after Speaker became famous drew \$100 a month. Speaker's salary demands were thought exorbitant with the \$50 a month. "Why, look what Speaker got when he first started in—\$50 a month!"

Tris has promised a couple of speeches he would get them this year, but he has not yet done so. He has carried out his promise. It is presumed that the contract was worn out by Speaker's twirling in the face of the crowd, as athletes he was trying to sign at bargain counter rates.

While the Cleveland star is often spoken of as Tris Speaker, he was as Tris Speaker he was known to the Cleveland Indians as a player. He was a Cleveland native and he was a Cleveland native. He was a Cleveland native and he was a Cleveland native.

SPECIAL RELAY RACE FOR ARMY AND NAVY
Soldiers and Sailors to Meet at Millrose Games.
What is expected to be the greatest series of relay events of the present indoor season is carded for the Millrose Games, which will be held in Madison Square Garden on January 23. The one mile relay for the army is expected to bring together the pick of the athletic talent of the highest military training camps in the country. Star teams will represent Camp Devens at Ayer, Camp Wadsworth at Spartenburg, Camp Upton at Fort Hamilton, Fort Slocum and other camps.

Another relay at one mile will be staged for enlisted men in the navy. This event will bring together teams from the Boston Navy Yard, Newport Naval Station, Delham Bay Park Naval Station and the Mine Sweeping Division at Tompkinsville. Among these enlisted men will be found some of the country's greatest quarter milers.

The separate relays for the Army and Navy will be run at the beginning of the programme and the match relay between the Army and Navy at the end of the programme, so as to give the winning teams in each of the early events plenty of rest. Great enthusiasm is already being manifested in the various camps and naval stations in this relay event and the result of the match relay will be a very close one.

The three mile relay will attract many star entries from the Middle Atlantic Association. These include Glover, the national junior mile champion, Krupnik, the middle Atlantic senior cross-country champion, and Seidel the middle Atlantic senior cross-country champion.

HAAS TO BECOME FLIER.
Newark Outfielder Passes Test for Air Service.
NEWARK, N. J., Jan. 12.—Bruno Haas, Newark outfielder, who has been stationed with the Newport naval reserve, has been notified that his examination for the air service has been successful and that shortly he will be called to that branch of the service.

He entered the naval service as a machinist. The airplane service, however, appealed to him and he decided to make a change.

DOINGS IN LOCAL ICE SKATING RINKS
George LeBlanc has been elected president of the Wanderers Hockey Club of the St. Nicholas Ice Rink, New York. Mr. LeBlanc is vice-president of the Equitable Trust Company of this city.

Some years ago when a resident of Montreal, Mr. LeBlanc was one of the best known lacrosse and hockey players in the amateur ranks of eastern Canada. He has never lost his interest in these sports and is a regular attendant at all hockey games at the St. Nicholas Ice Rink.

The Cullivants hockey team of Ottawa will be the next Canadian seven to be seen in action in this city. It will play the Wanderers next Monday night at the St. Nicholas Ice Rink.

John J. Daly, one of the best known of the home bred professional figure skaters, disputes Orrin Markhus's claims to the "revolutions" championship. Daly says:

"I noticed recently that Orrin Markhus claimed the world's record after he had made sixty-seven revolutions while doing the 'Jackson Haines' spin. I am confident he has been looking for a confession in their own ability. By confession I do not mean egotism."

"Confession is the first thing that must be acquired. If a person begins to skate, lacking confidence, it is going to take much more time to show results. Balance and poise can be taught by the instructor, but confidence is something that must be developed by the skater himself."

"It is the most essential thing in skating. One of the truly expert skaters could possibly have made the heights of success if they had been looking for a confession in their own ability. By confession I do not mean egotism."

NEW YORK.—(Continued from page 1.)
Kratz, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663,